


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>1. WELL NAME and NUMBER</b> Hoss 157-20		
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO				<b>3. FIELD OR WILDCAT</b> UNDESIGNATED		
<b>6. NAME OF OPERATOR</b> EOG Resources, Inc.				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>8. ADDRESS OF OPERATOR</b> 1060 East Highway 40, Vernal, UT, 84078				<b>7. OPERATOR PHONE</b> 435 781-9111		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU77300		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com		
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		
<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		
<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		
<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	1295 FSL 2520 FEL	SWSE	20	8.0 S	24.0 E	S
<b>Top of Uppermost Producing Zone</b>	1295 FSL 2520 FEL	SWSE	20	8.0 S	24.0 E	S
<b>At Total Depth</b>	1295 FSL 2520 FEL	SWSE	20	8.0 S	24.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1295		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1589		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 7320		<b>26. PROPOSED DEPTH</b> MD: 8510 TVD: 8510		
<b>27. ELEVATION - GROUND LEVEL</b> 5127		<b>28. BOND NUMBER</b> NM2308		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-225		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
<b>NAME</b> Mary Maestas	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b>	<b>PHONE</b> 303 824-5526
<b>API NUMBER ASSIGNED</b> 43047507500000	<b>DATE</b> 09/10/2009
<b>APPROVAL</b>	<b>EMAIL</b> mary_maestas@eogresources.com
 Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	2300	36.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	8510		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	8510	11.6			

**DRILLING PLAN****HOSS 157-20****SW/SE, SEC. 20, T8S, R24E, S.L.B.&M.,  
UINTAH COUNTY, UTAH****1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	1,920		Shale	
Mahogany Oil Shale Bed	2,436		Shale	
Wasatch	4,479	Primary	Sandstone	Gas
Chapita Wells	5,096	Primary	Sandstone	Gas
Buck Canyon	5,761	Primary	Sandstone	Gas
North Horn	6,222	Primary	Sandstone	Gas
KMV Price River	6,546	Primary	Sandstone	Gas
KMV Price River Middle	7,116	Primary	Sandstone	Gas
KMV Price River Lower	7,826	Primary	Sandstone	Gas
Sego	8,301		Sandstone	
<b>TD</b>	<b>8,510</b>			

**Estimated TD: 8,510' or 200'± below TD****Anticipated BHP: 4,647 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Rating Collapse</b>	<b>Factor Burst</b>	<b>Tensile</b>
Conductor	20"	40 – 60'	14"	32.5#	A252			1880 PSI	10,000#
Surface	12 ¼"	0 – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

**All casing will be new or inspected.**

**DRILLING PLAN**

**HOSS 157-20**

**SW/SE, SEC. 20, T8S, R24E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

**5. Float Equipment:**

**Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):**

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Defloculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**DRILLING PLAN**

**HOSS 157-20**

**SW/SE, SEC. 20, T8S, R24E, S.L.B.&M.,**  
**UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**8. EVALUATION PROGRAM:**

**Cased-hole Logs:**

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**CBL/CCL/VDL/GR**

**DRILLING PLAN**

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UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

<b>Lead:</b>	<b>185 sks</b>	Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl <sub>2</sub> , 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft <sup>3</sup> /sk. yield, 23 gps water.
<b>Tail:</b>	<b>207 sks</b>	Class "G" cement with 2% CaCl <sub>2</sub> , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft <sup>3</sup> /sk., 5.2 gps water.
<b>Top Out:</b>		As necessary with Class "G" cement with 2% CaCl <sub>2</sub> , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft <sup>3</sup> /sk., 5.2 gps water.
<b>Note:</b>		Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

<b>Lead:</b>	<b>120 sks:</b>	Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft <sup>3</sup> /sk., 24.5 gps water.
<b>Tail:</b>	<b>795 sks:</b>	50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft <sup>3</sup> /sk., 5.9gps water.
<b>Note:</b>		The above number of sacks is based on gauge-hole calculation. Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**DRILLING PLAN**

**HOSS 157-20**

**SW/SE, SEC. 20, T8S, R24E, S.L.B.&M.,  
UINTAH COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

**13. Air Drilling Operations:**

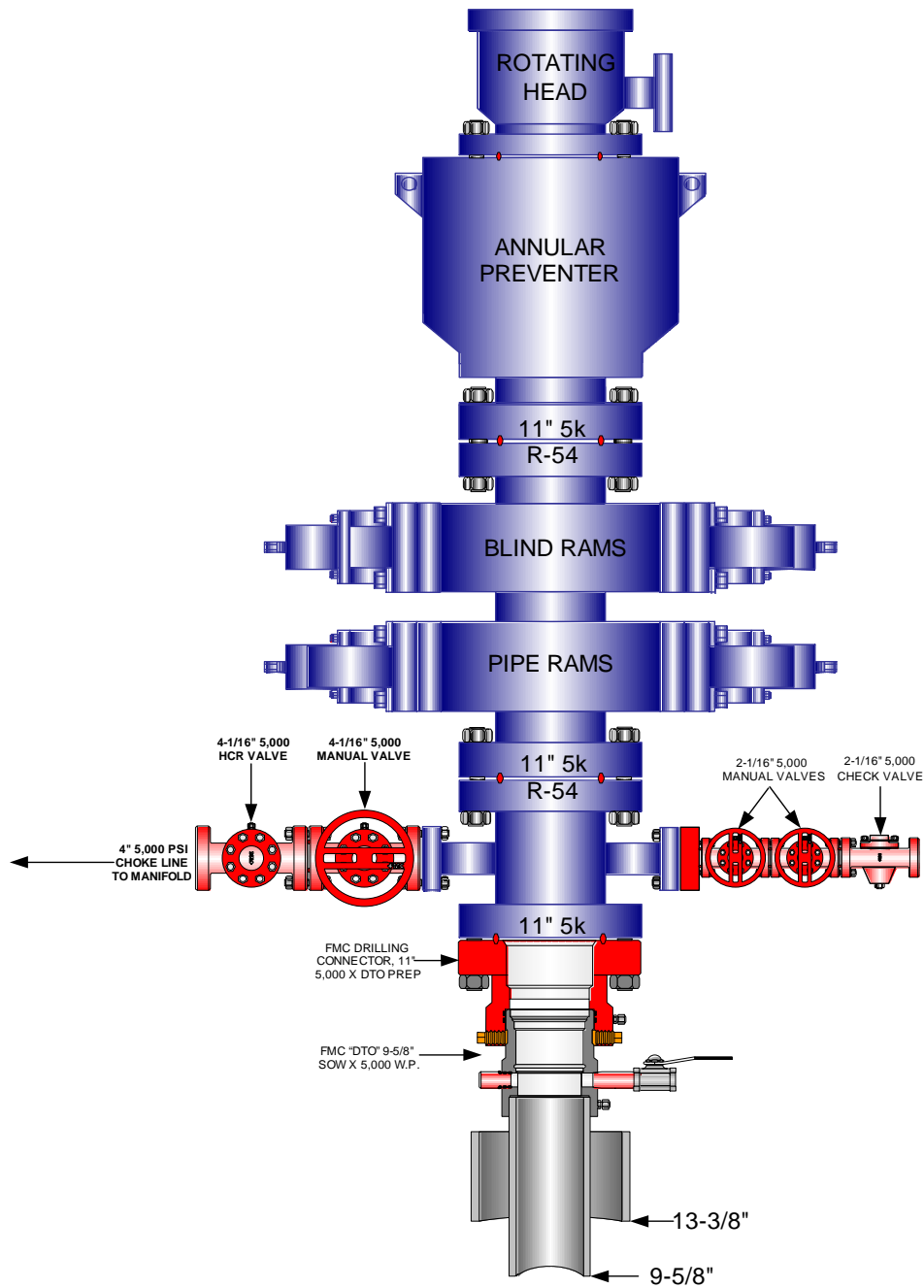
1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

**(Attachment: BOP Schematic Diagram)**



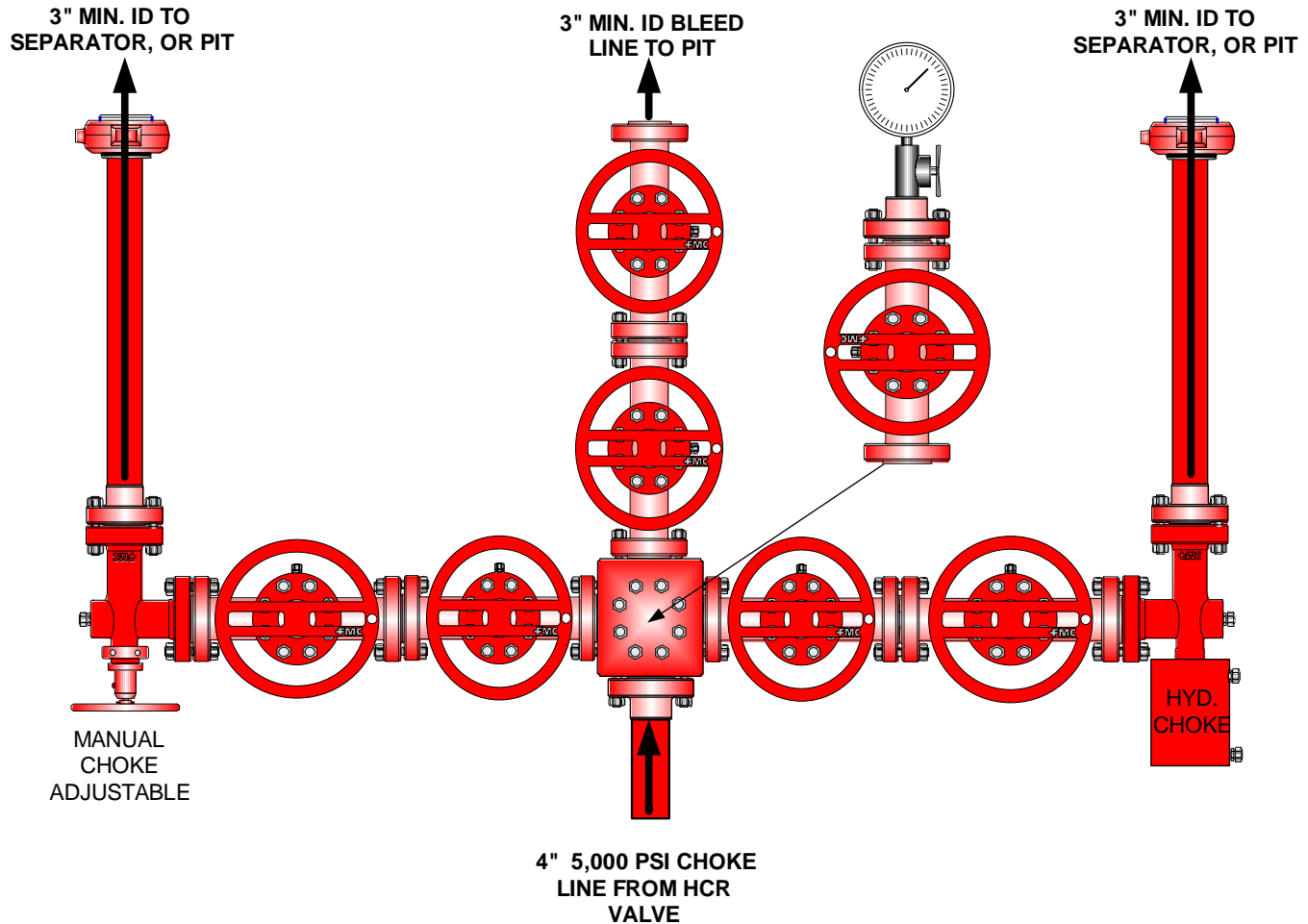
**EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION**

PAGE 1 OF 2



**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES**

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**Testing Procedure:**

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.  
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



***Hoss 157-20  
SWSE, Section 20, T8S, R24E  
Uintah County, Utah***

***SURFACE USE PLAN***

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 2640 feet long with a 30-foot right-of-way, disturbing approximately 1.82 acres. New surface disturbance associated with the well pad and access road is estimated to be 4.07 acres. The pipeline is approximately 4770 feet long with a 40-foot temporary right-of-way and an 8-foot permanent right-of-way disturbing approximately 4.38 acres.

***1. EXISTING ROADS:***

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 31.5 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

***2. PLANNED ACCESS ROAD:***

- A. The access road will be approximately 2640' in length; culverts will be installed on an as-needed basis. See attached Topo B.
- B. The access road has a 30-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

- I. A 30-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease UTU-77300.

### **3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map “C” for the location of wells within a one-mile radius.

#### **4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

##### **A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

##### **B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline is 4770' x 40'. The proposed pipeline leaves the western edge of the well pad (Lease UTU-77300) proceeding in a northwesterly, then northerly direction for an approximate distance of 4770' tying into a proposed pipeline for the Hoss 152-20. The proposed Hoss 152-20 pipeline traverses westerly, tying into a proposed pipeline for the Hoss 139-19, traversing southwesterly, tying into a proposed pipeline for the Hoss 150-19, traversing northwesterly, tying into a proposed pipeline for the Hoss 136-19, traversing southerly, tying into an existing pipeline for the Hoss 76-19 in the SWSW of Sec. 19, T8S, R24E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease UTU-77300.
7. The proposed pipeline route begins in the NESW of Section 20, Township 8S, Range 24E, proceeding northeasterly, then northerly for an approximate distance of 4770' to the SWNW of Section 20, Township 8S, Range 24E.
8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon or Covert Green.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)).
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

- 1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.
  - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  - 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or Hoss SWD Facility, right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings

pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### **8. ANCILLARY FACILITIES:**

None anticipated.

#### **9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

**Diversion ditches shall be constructed on the northeast and south sides of the location.**

The corners of the well pad will be rounded off as needed to minimize excavation.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

##### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

The portion of the location not needed for production facilities/operations will be reseeded during interim reclamation.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Hycrest Wheatgrass	5.0
Shadscale	4.0
Prostrate Kochia	3.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

##### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Gardner Saltbush	4.0
Shadscale	4.0
Hycrest Wheatgrass	4.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.



## **11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

### **Bureau of Land Management**

## **12. OTHER INFORMATION:**

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on 1/7/2009. A paleontological survey was conducted and submitted by Intermountain Paleo on 3/6/2009.

**Additional Surface Stipulations:**

As per the onsite conducted 6/11/2009, EOG Resources, Inc. will meet with BLM upon installation of production facilities to minimize the impact to nests within the area.

***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Mary A. Maestas  
EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078  
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

**CERTIFICATION:**

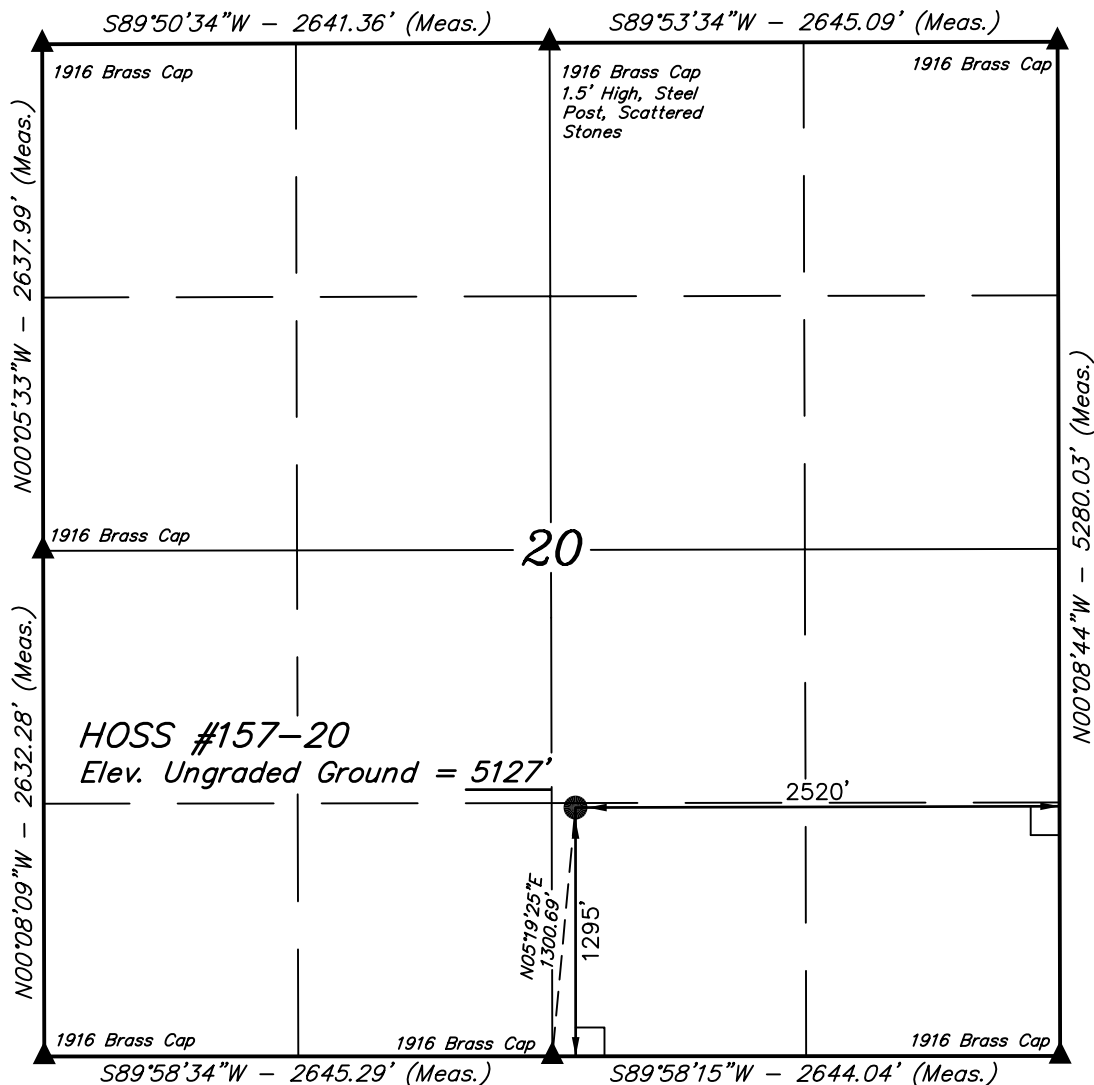
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 157-20 Well, located in the SWSE, of Section 20, T8S, R24E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

September 10, 2009  
Date

\_\_\_\_\_  
Mary A. Maestas, Regulatory Assistant

T8S, R24E, S.L.B.&M.



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 40°06'15.71" (40.104364)  
LONGITUDE = 109°14'15.12" (109.237533)  
(NAD 27)  
LATITUDE = 40°06'15.83" (40.104397)  
LONGITUDE = 109°14'12.69" (109.236858)

EOG RESOURCES, INC.

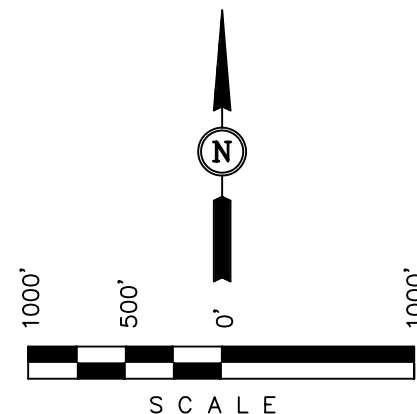
Well location, HOSS #157-20, located as shown in the SW 1/4 SE 1/4 of Section 20, T8S, R24E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-09-08	DATE DRAWN: 10-20-08
PARTY C.R. S.B. E.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

# EOG RESOURCES, INC.

**HOSS #157-20**

**LOCATED IN UINTAH COUNTY, UTAH**

**SECTION 20, T8S, R24E, S.L.B.&M.**

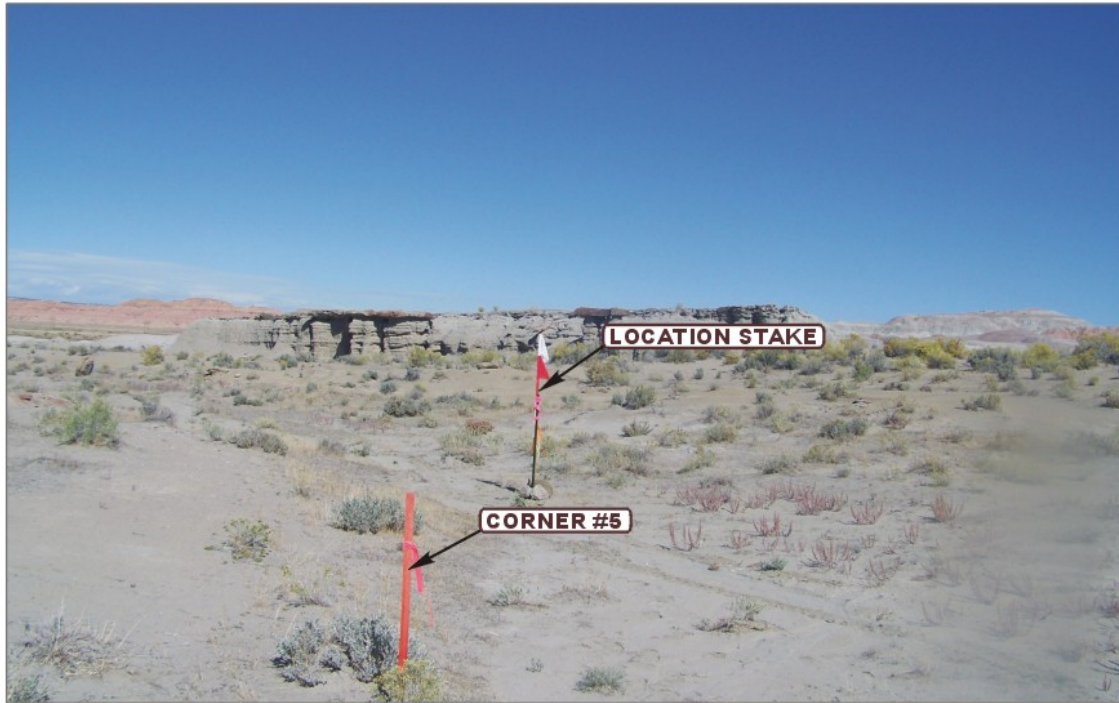


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 \* FAX (435) 789-1813

**LOCATION PHOTOS**

**10 22 08**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: A.K.

DRAWN BY: J.H.

REVISED: 00-00-00



# EOG RESOURCES, INC.

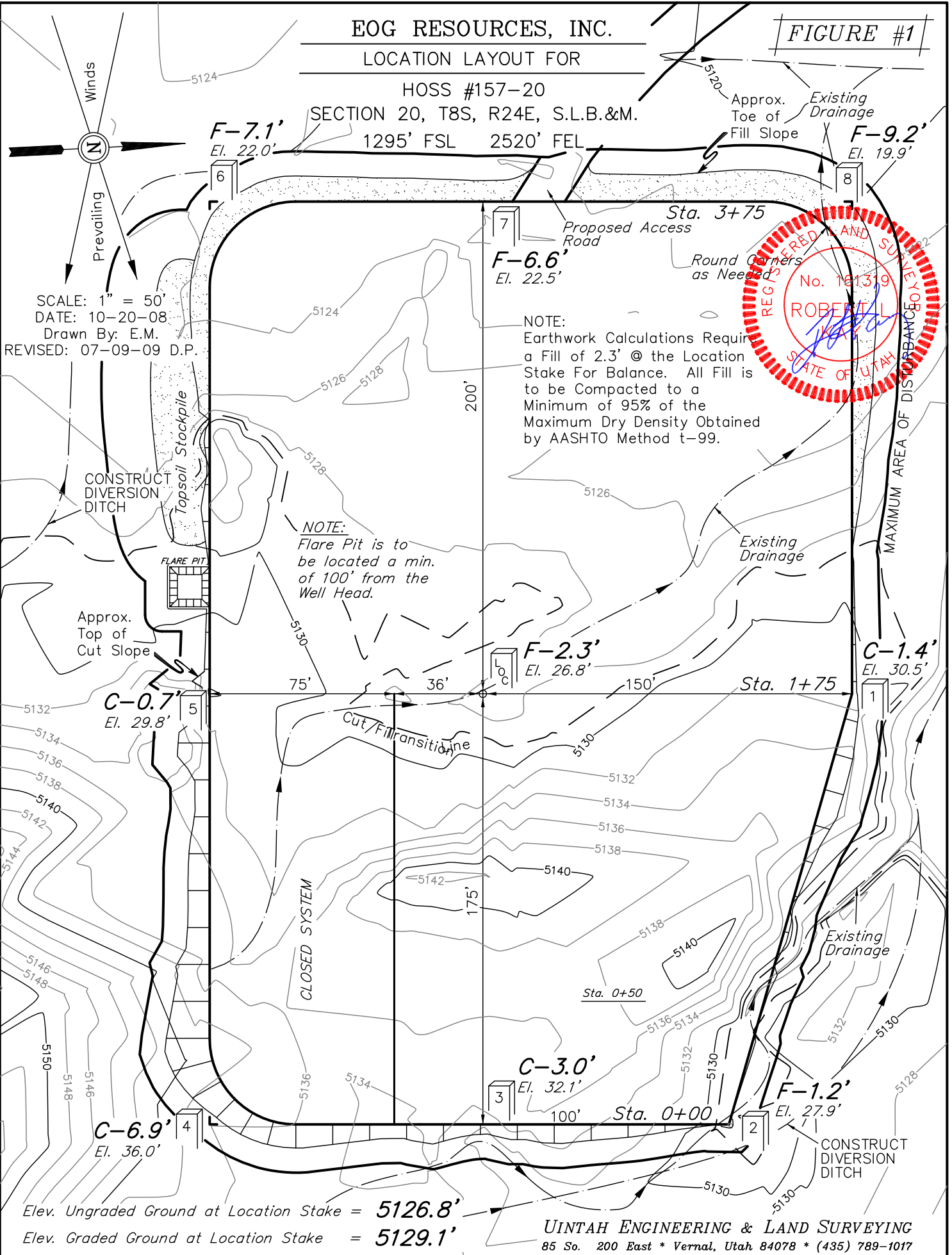
## LOCATION LAYOUT FOR

HOSS #157-20

SECTION 20, T8S, R24E, S.L.B.&M.

1295' FSL 2520' FEL

FIGURE #1



EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

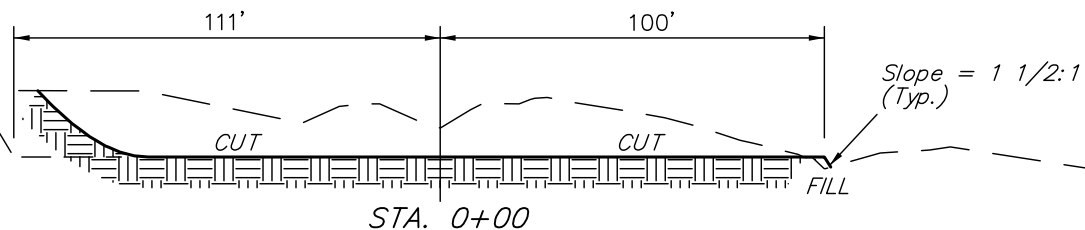
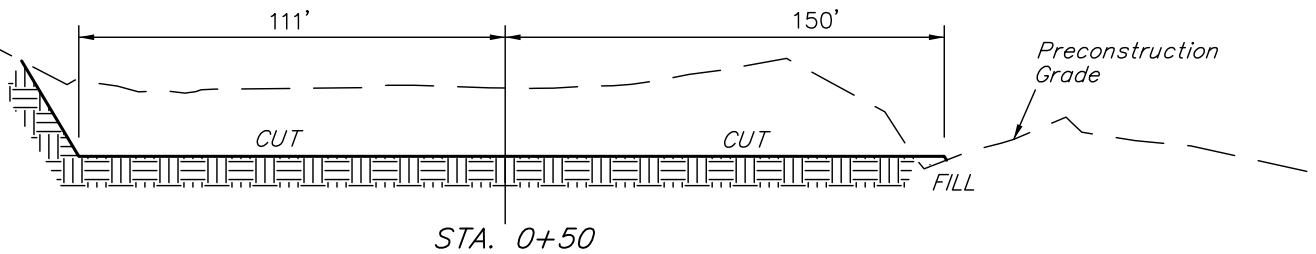
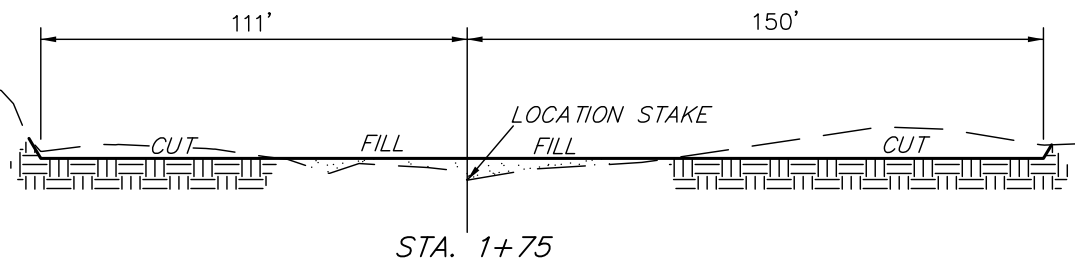
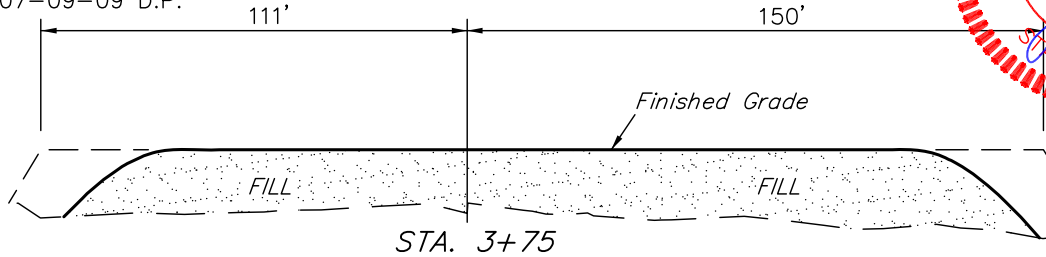
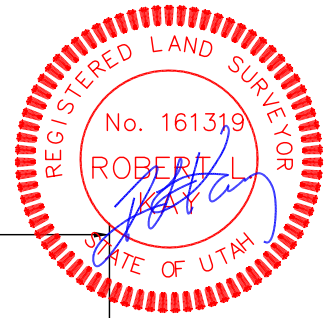
HOSS #157-20

SECTION 20, T8S, R24E, S.L.B.&M.

1295' FSL 2520' FEL

FIGURE #2

1" = 20'  
X-Section  
Scale  
1" = 50'  
DATE: 10-20-08  
Drawn By: E.M.  
REVISED: 07-09-09 D.P.



APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ±2.714 ACRES  
ACCESS ROAD DISTURBANCE = ±1.924 ACRES  
PIPELINE DISTURBANCE = ±3.285 ACRES  
TOTAL = ±7.923 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,900 Cu. Yds.  
Remaining Location = 8,000 Cu. Yds.  
TOTAL CUT = 9,900 CU.YDS.  
FILL = 8,000 CU.YDS.

EXCESS MATERIAL = 1,900 Cu. Yds.  
Topsoil = 1,900 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# EOG RESOURCES, INC.

## TYPICAL RIG LAYOUT FOR

HOSS #157-20

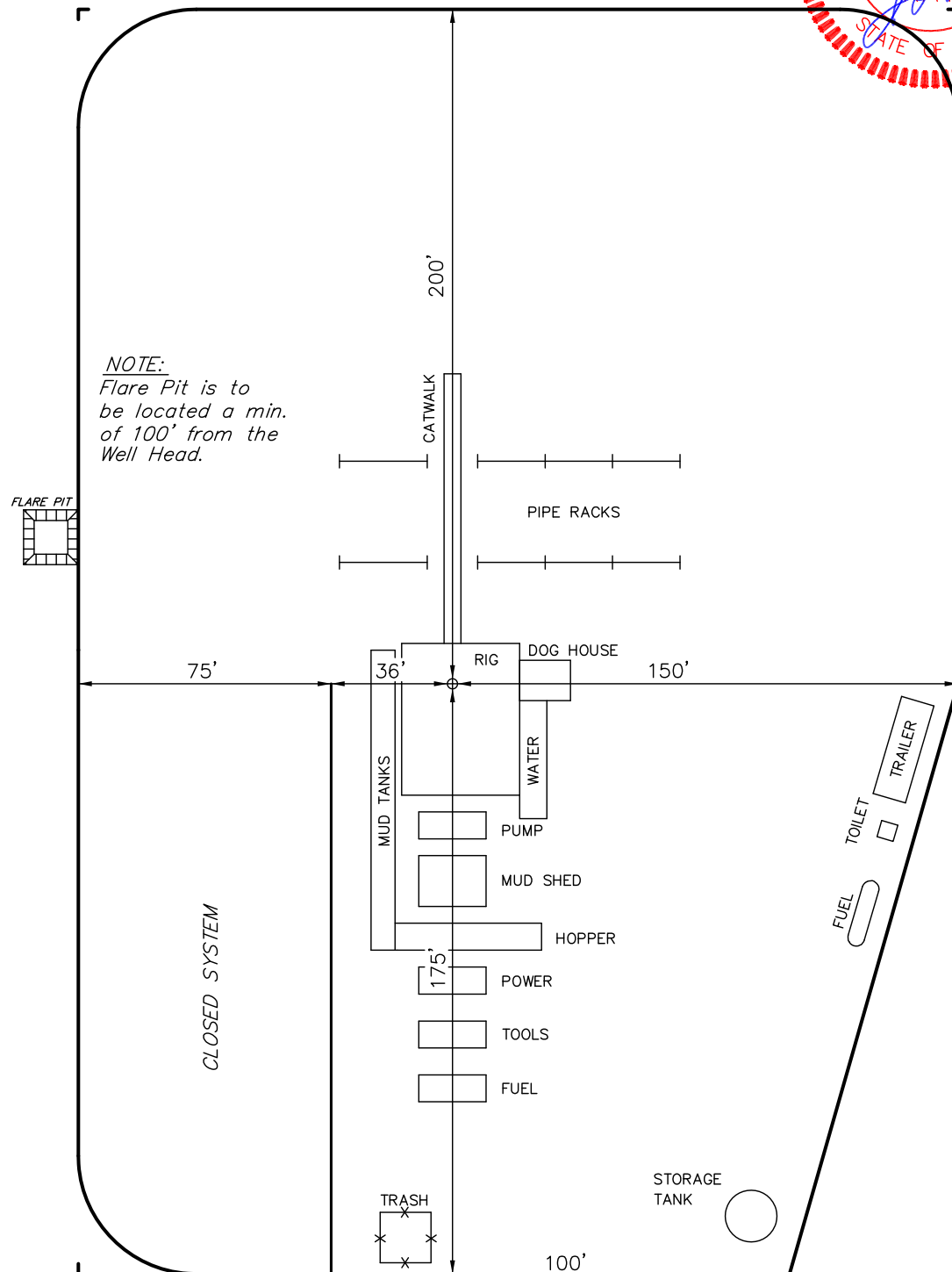
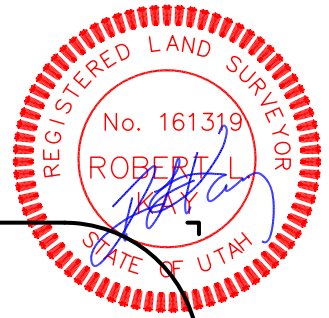
SECTION 20, T8S, R24E, S.L.B.&M.

1295' FSL 2520' FEL

FIGURE #3



SCALE: 1" = 50'  
DATE: 07-09-09  
Drawn By: D.P.





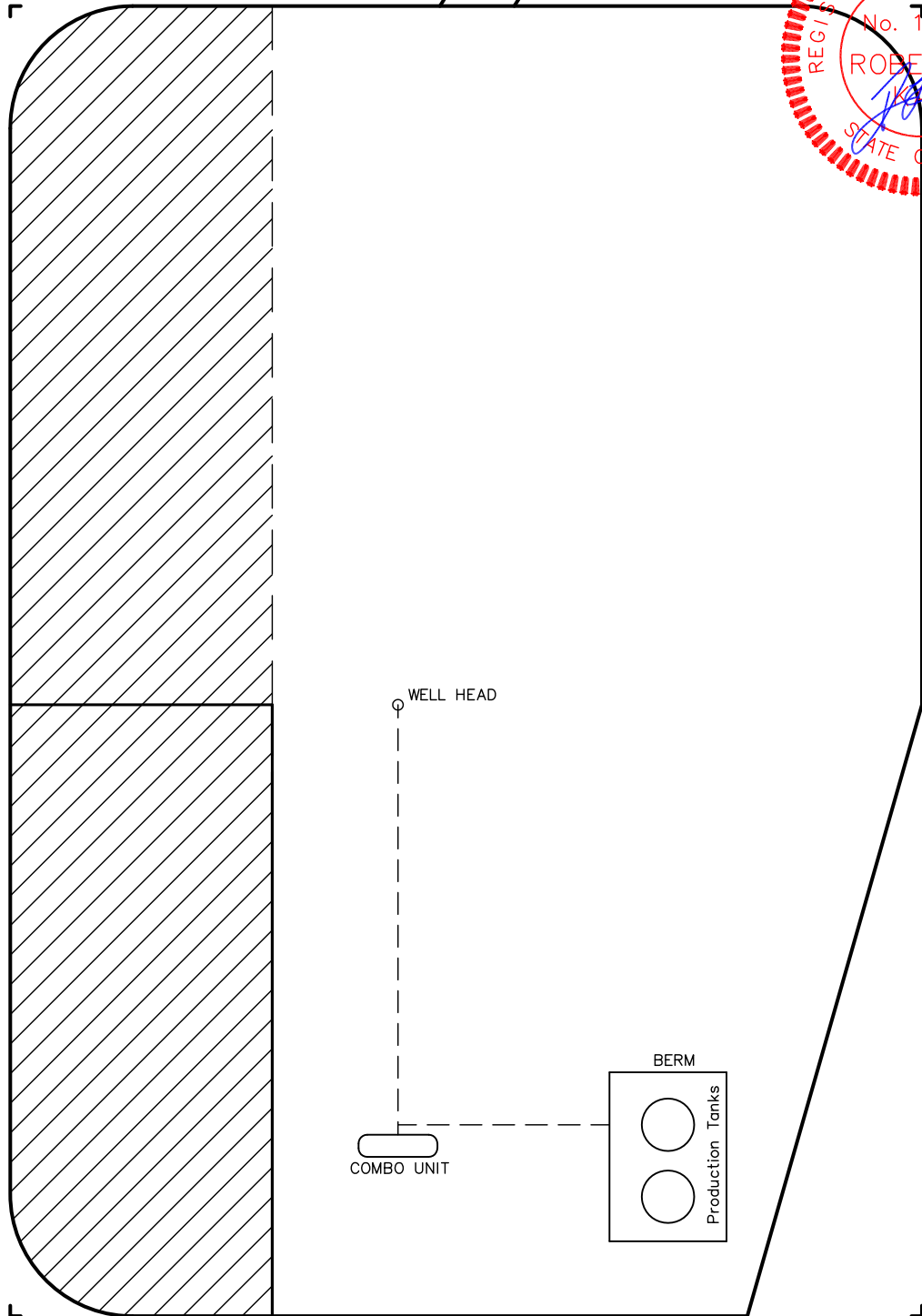
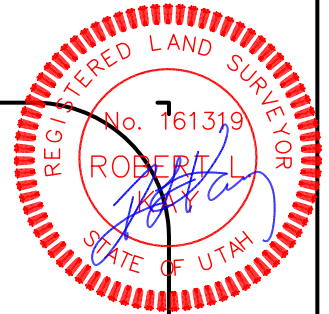
EOG RESOURCES, INC.  
PRODUCTION FACILITY LAYOUT FOR


FIGURE #4

SCALE: 1" = 50'  
DATE: 10-20-08  
Drawn By: E.M.  
REVISED: 07-09-09 D.P.

HOSS #157-20  
SECTION 20, T8S, R24E, S.L.B.&M.  
1295' FSL 2520' FEL

Access Road

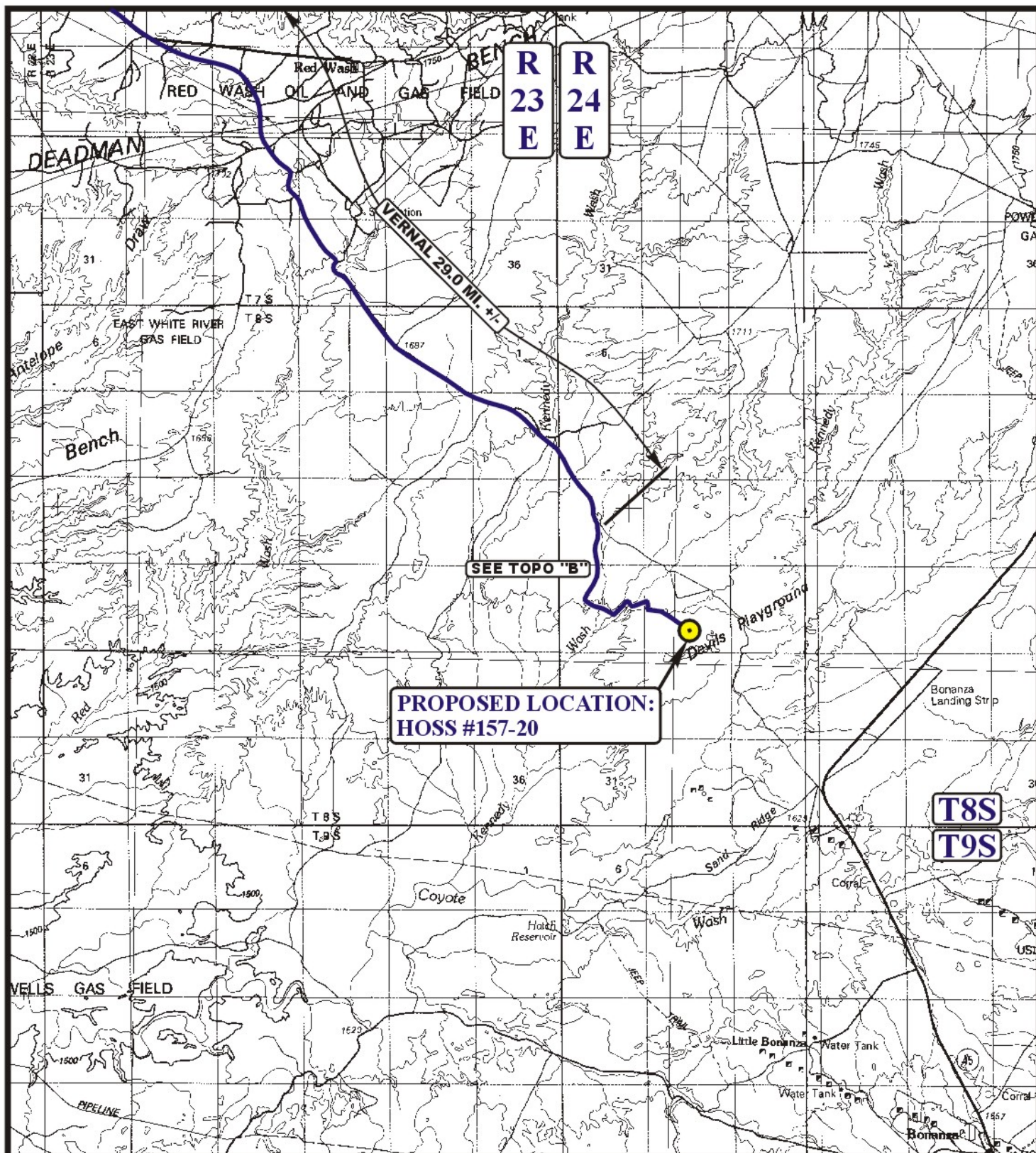


 RE-HABED AREA

EOG RESOURCES, INC.  
HOSS #157-20  
SECTION 20, T8S, R24E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 25.1 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #150-19 TO THE SOUTHEASTERLY; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #139-19 TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #152-20 TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #153-20 TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #157-20 TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 31.5 MILES.



**LEGEND:**

 PROPOSED LOCATION

**EOG RESOURCES, INC.**

**HOSS #157-20**  
**SECTION 20, T8S, R24E, S.L.B.&M.**  
**1295' FSL 2520' FEL**



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 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



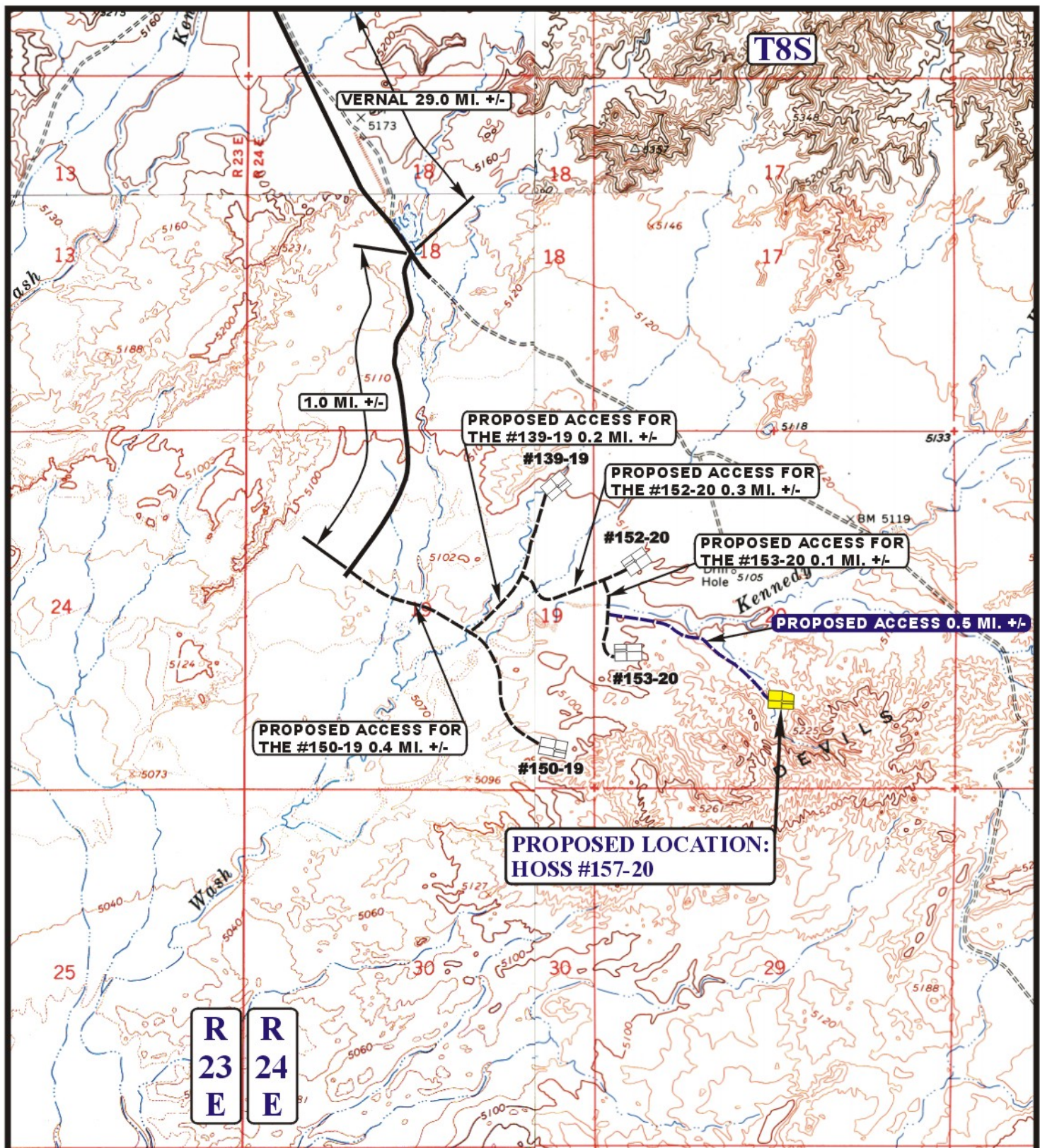
**TOPOGRAPHIC**  
**MAP**

**10 22 08**  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.H. REVISED: 00-00-00







**LEGEND:**

— EXISTING ROAD  
 - - - PROPOSED ACCESS ROAD

**EOG RESOURCES, INC.**

**HOSS #157-20**  
**SECTION 20, T8S, R24E, S.L.B.&M.**  
**1295' FSL 2520' FEL**



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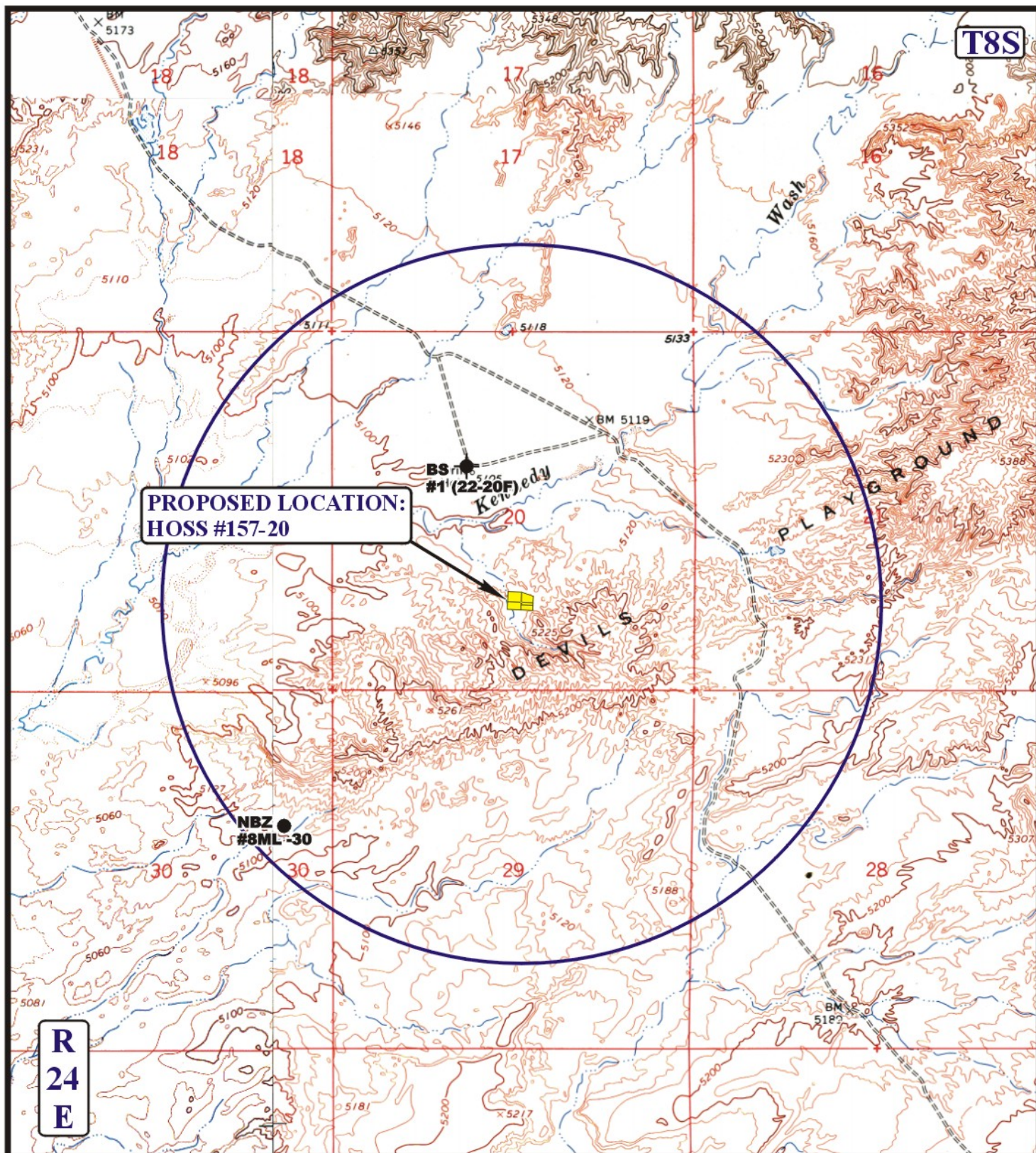
**TOPOGRAPHIC**  
**MAP**

**10 22 08**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00







**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**EOG RESOURCES, INC.**

**HOSS #157-20**  
**SECTION 20, T8S, R24E, S.L.B.&M.**  
**1295' FSL 2520' FEL**



**Utah Engineering & Land Surveying**  
**85 South 200 East Vernal, Utah 84078**  
**(435) 789-1017 \* FAX (435) 789-1813**

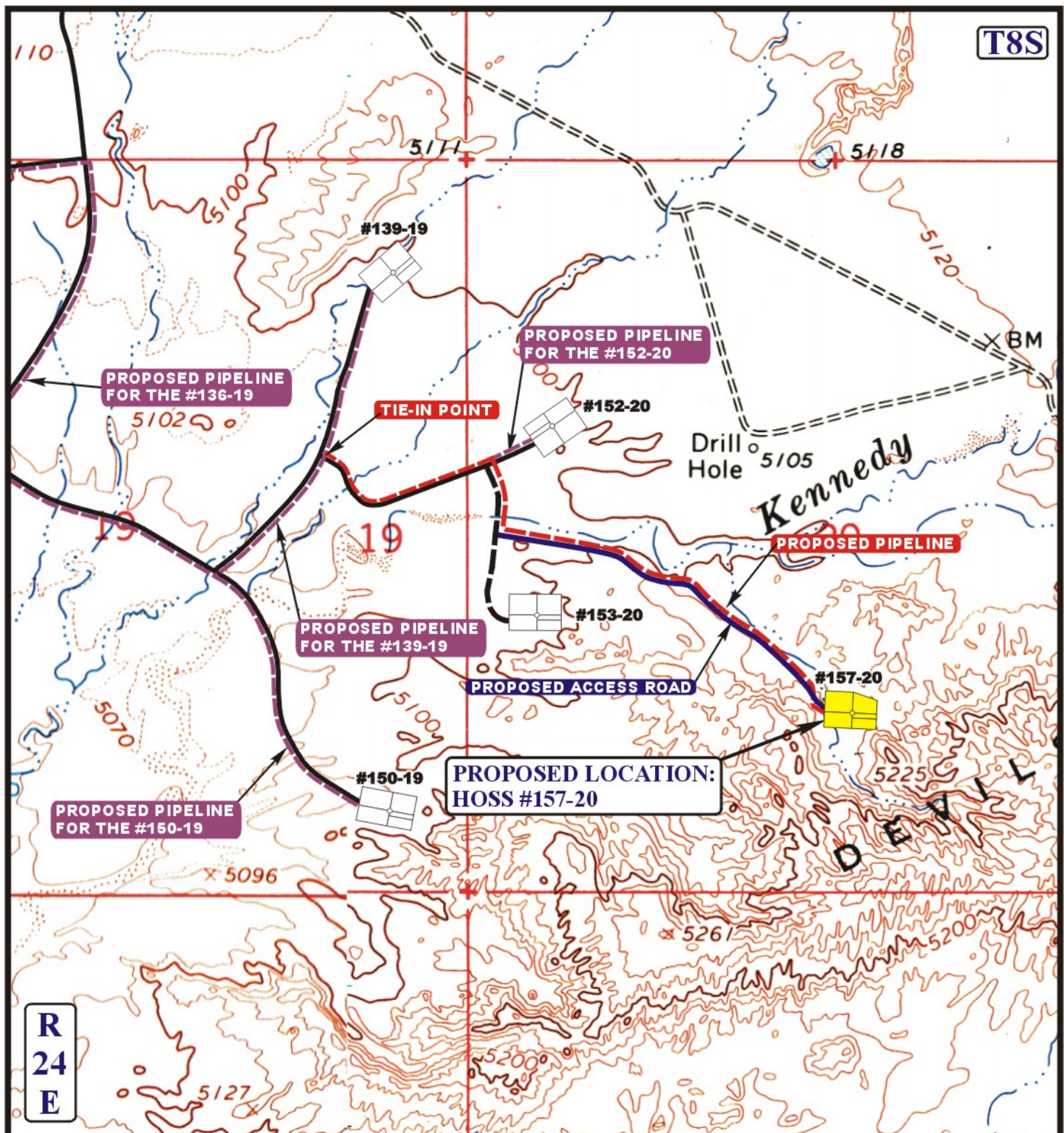
**TOPOGRAPHIC**  
**MAP**

**10 22 08**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 4,770' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



**EOG RESOURCES, INC.**

**HOSS #157-20**  
**SECTION 20, T8S, R24E, S.L.B.&M.**  
**1295' FSL 2520' FEL**



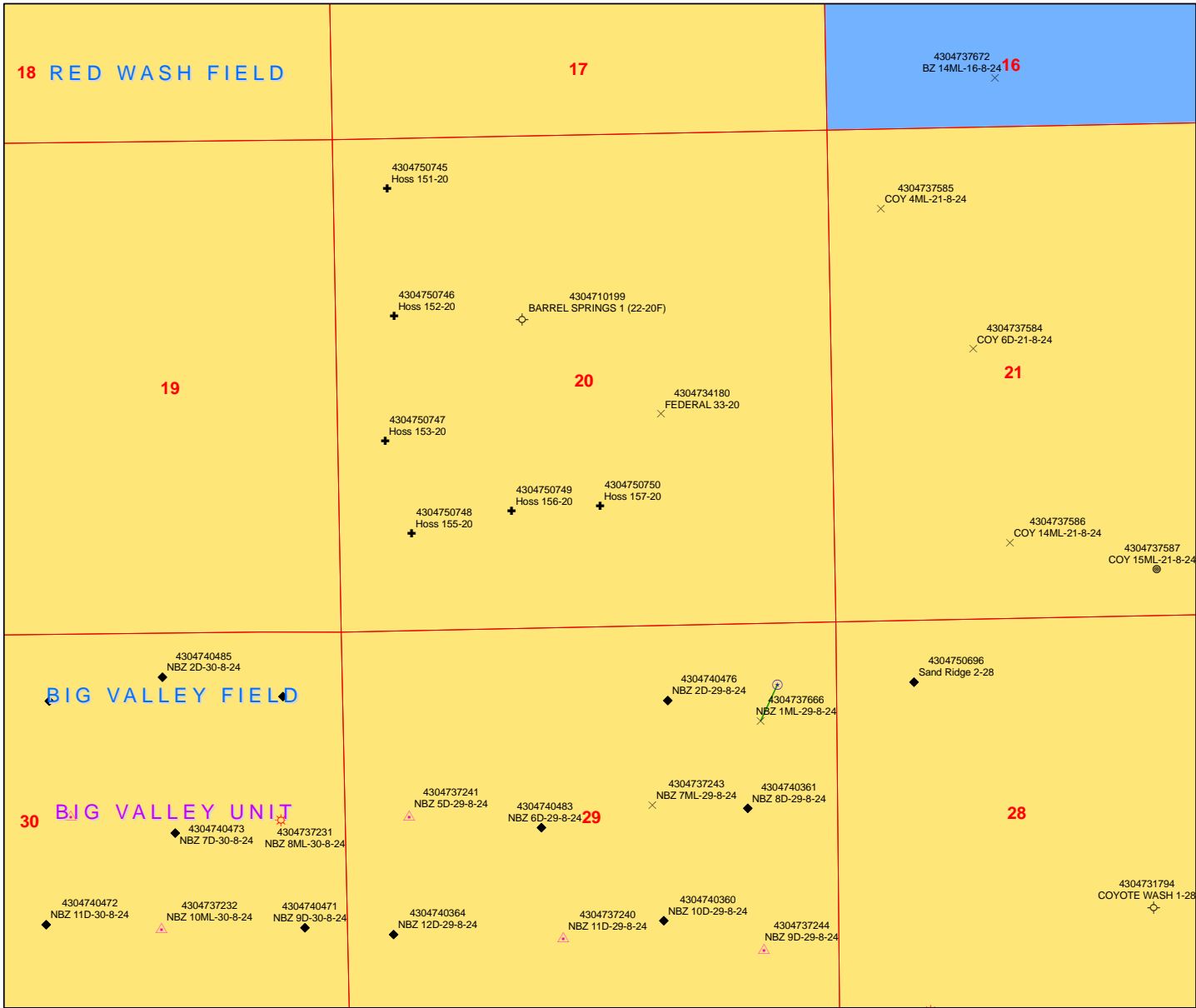
**Uintah Engineering & Land Surveying**  
**85 South 200 East Vernal, Utah 84078**  
**(435) 789-1017 \* FAX (435) 789-1813**

**TOPOGRAPHIC**  
**MAP**

**10 22 08**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00

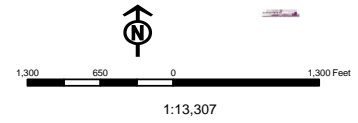




**API Number: 4304750750**  
**Well Name: Hoss 157-20**  
**Township 08.0 S Range 24.0 E Section 20**  
**Meridian: SLBM**  
Operator: EOG RESOURCES, INC.

Map Prepared:  
Map Produced by Diana Mason

Units	Wells Query Events
<b>STATUS</b>	<b>GIS_STAT_TYPE</b>
ACTIVE	<call other values>
EXPLORATORY	<Hub>
GAS STORAGE	APD
NF PP OIL	DRL
NF SECONDARY	GI
PI OIL	GS
PP GAS	LA
PP GEOTHERMAL	NEW
PP OIL	OPS
SECONDARY	PA
TERMINATED	PGW
<b>Fields</b>	POW
<b>STATUS</b>	RET
ACTIVE	SGW
COMBINED	SOW
Sections	TA
	TW
	WD
	WI
	WS







**EOG Resources, Inc.**  
600 Seventeenth Street  
Suite 1000N  
Denver, CO 80202  
Main: 303-572-9000  
Land Fax: 303-824-5401

April 13, 2010

2010

State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: Ms. Diana Mason

RE: Request for Exception to Location  
and Siting of Wells  
**Hoss 157-20**  
SWSE of Sec. 20-8S-24E, SLM  
Uintah County, Utah  
Ponderosa Prospect  
59977-G06, 0079095-000

Ladies and Gentlemen:

EOG Resources, Inc. ("EOG") proposes and respectfully requests permission to drill the Hoss 157-20, an 8,510' Wasatch/Mesaverde test well, at a location 1,295' FSL, 2,520' FEL, (SW/4SE/4) of Section 20, Township 8 South, Range 24 East, SLM, Uintah County, Utah, which is not a location at which a well could be drilled in compliance with General Rule R649-3-2.

EOG endeavored to stake the Hoss 157-20 well at a legal location in accordance with General Rule R649-3-2, but found that a legal location could not be found due to topography. Therefore, EOG is requesting this exception location.

Enclosed is a copy of the survey plat for the proposed well and another plat labeled Exhibit "A" which depicts the outlines of the 40-acre drilling units established in General Rule R649-3-2 and the location at which EOG requests permission to drill the proposed Hoss 157-20 well. There are no other owners within the 460' radius of the proposed Hoss 157-20 well (see enclosed Exhibit "B").

EOG respectfully requests the Utah Division of Oil, Gas and Mining review and grant administrative approval of this application for an exception well location and permission to drill the proposed Wasatch/Mesaverde formation well described herein at its earliest opportunity.

RECEIVED

APR 15 2010

DIV. OF OIL, GAS & MINING

State of Utah  
Division of Oil, Gas and Mining  
April 13, 2010  
Page 2 of 2

If you have any questions or need any additional information, please do not hesitate to contact the undersigned.

Yours very truly,

**EOG RESOURCES, INC.**



Debbie Spears  
Land Associate

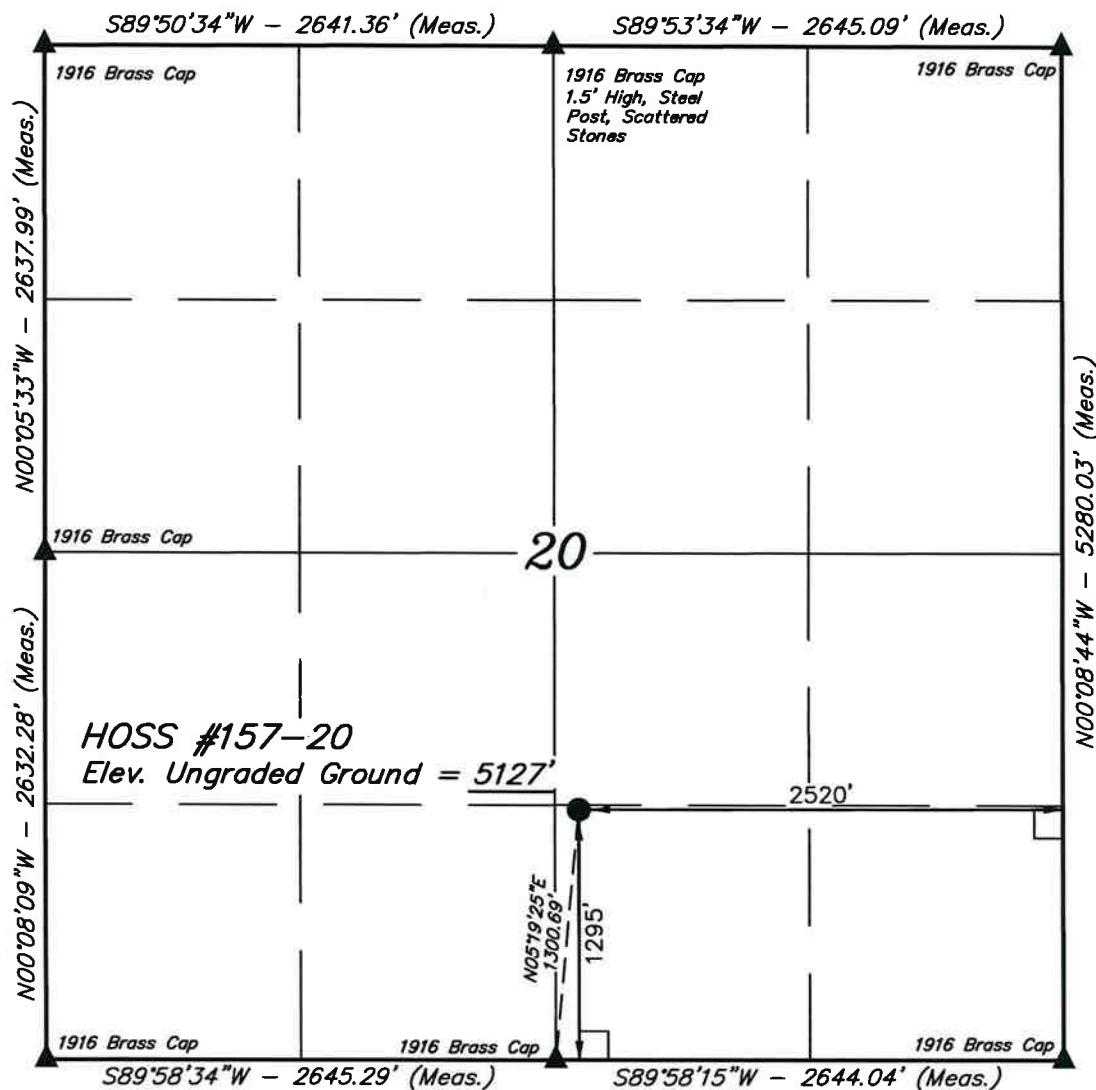
/das

Enclosures

M:\das\exceptionlocation\hoss157-20.doc

cc: Kaylene Gardner (with copies of enclosures)  
Denver Well File (with copies of enclosures)

*T8S, R24E, S.L.B.&M.*



**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°06'15.71" (40.104364)  
 LONGITUDE = 109°14'15.12" (109.237533)  
 (NAD 27)  
 LATITUDE = 40°06'15.83" (40.104397)  
 LONGITUDE = 109°14'12.69" (109.236858)

**EOG RESOURCES, INC.**

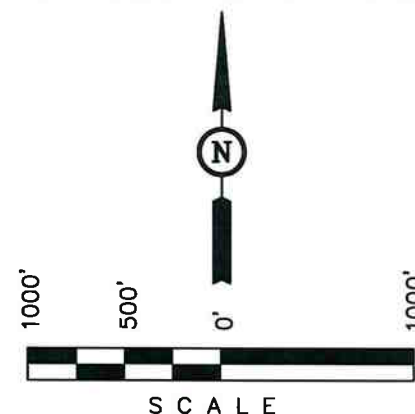
Well location, HOSS #157-20, located as shown in the SW 1/4 SE 1/4 of Section 20, T8S, R24E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

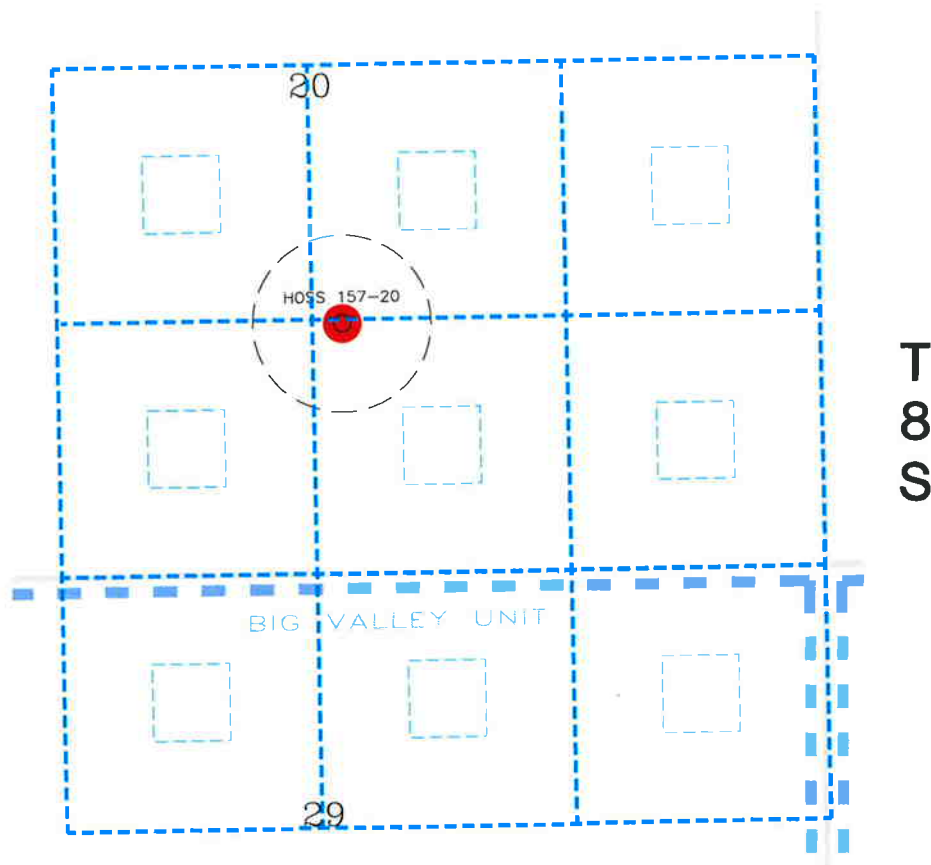
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-09-08	DATE DRAWN: 10-20-08
PARTY C.R. S.B. E.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

R 24 E



Oil or Gas Well Location Pattern pursuant to Utah Administrative Code Rule R 649-3-2

Legal window within which an oil and gas well could be drilled in compliance with R 649-3-2.

460' Radius

Locations at which oil or gas wells have been drilled

Location at which applicant requests permission to drill the proposed Hoss 157-20 Well:  
1295' FSL, 2520' FEL (SWSE) of Sec. 20, T8S, R24E

Scale: 1"=1000'

0 1/4 1/2 Mile



Exhibit "A"

**eog resources**

Denver Division

Application for  
Exception Well Location

**HOSS 157-20 WELL**

UINTAH COUNTY, UTAH

Scale:  
1"=1000'

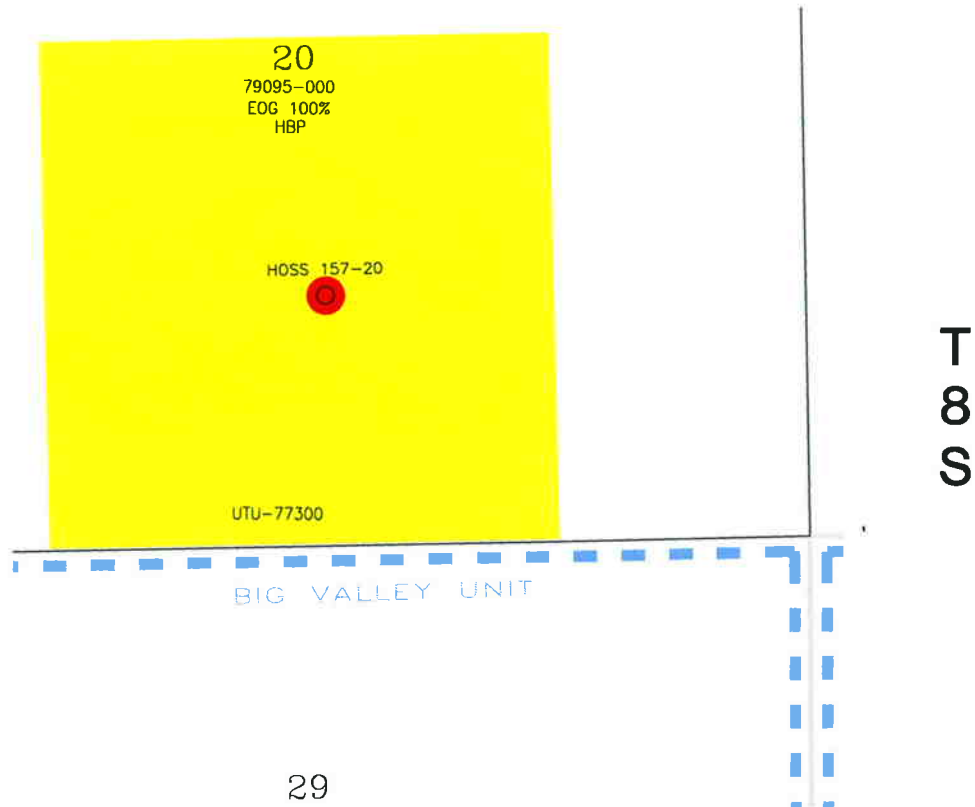
D:\utah\exception\_plat\Hoss157-20exc.dwg  
exc\_A.dwg

Author

gt

Apr 12, 2010 -  
1:58pm

R 24 E



 EOG 100% W.I.


 Location at which applicant requests permission to drill the proposed Hoss 157-20 Well:  
1295' FSL, 2520' FEL (SWSE) of Sec. 20, T8S, R24E

Exhibit "B"

Scale: 1"=1000'

0 1/4 1/2 Mile



Denver Division

Application for  
Exception Well Location

**HOSS 157-20 WELL**

UINTAH COUNTY, UTAH

Scale: 1"=1000'

D:\utah\exception\_plat\Hoss157-20exc.dwg  
exc\_B-40

Author

Apr 12, 2010 -  
1:58pm

# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 9/10/2009

**API NO. ASSIGNED:** 43047507500000

**WELL NAME:** Hoss 157-20

**OPERATOR:** EOG Resources, Inc. (N9550)

**PHONE NUMBER:** 303 824-5526

**CONTACT:** Mary Maestas

**PROPOSED LOCATION:** SWSE 20 080S 240E

**Permit Tech Review:** ☒

**SURFACE:** 1295 FSL 2520 FEL

**Engineering Review:** ☐

**BOTTOM:** 1295 FSL 2520 FEL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 40.10437

**LONGITUDE:** -109.23693

**UTM SURF EASTINGS:** 650274.00

**NORTHINGS:** 4440621.00

**FIELD NAME:** UNDESIGNATED

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU77300

**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - NM2308
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 49-225
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

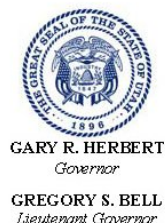
**Commingle Approved**

### LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:**
- ☐ **R649-3-2. General**
- ☒ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** R649-3-3
- Effective Date:**
- Siting:**
- ☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:** 1 - Exception Location - bhill  
4 - Federal Approval - dmason  
23 - Spacing - dmason



# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Hoss 157-20  
**API Well Number:** 43047507500000  
**Lease Number:** UTU77300  
**Surface Owner:** FEDERAL  
**Approval Date:** 4/22/2010

### Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

### Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

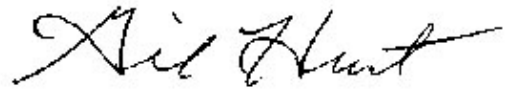
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized, cursive script.

Gil Hunt  
Associate Director, Oil & Gas



RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 10 2009

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU77300
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES, INC.		7. If Unit or CA Agreement, Name and No.
Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		8. Lease Name and Well No. HOSS 157-20
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	9. API Well No. 43 047 50750
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSE 1295FSL 2520FEL 40.10436 N Lat, 109.23753 W Lon At proposed prod. zone SWSE 1295FSL 2520FEL 40.10436 N Lat, 109.23753 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 31.5 MILES SOUTH OF VERNAL, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 20 T8S R24E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1295' LEASE LINE, 25' DRLG UNIT LINE	16. No. of Acres in Lease 1589.00	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 7320'	19. Proposed Depth 8510 MD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5127 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 40.00
		20. BLM/BIA Bond No. on file NM2308
		23. Estimated duration 45 DAYS

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| 1. Well plat certified by a registered surveyor.<br>2. A Drilling Plan.<br>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).<br>5. Operator certification<br>6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 09/10/2009
Title REGULATORY ASSISTANT		
Approved by (Signature) 	Name (Printed/Typed) James H. Sparger	Date OCT 12 2010
Title Acting Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

Additional Operator Remarks (see next page)

Electronic Submission #74090 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal  
Committed to AFMSS for processing by ROBIN R. HANSEN on 09/11/2009 ()

OCT 19 2010

DIV. OF OIL, GAS &amp; MINING

NOTICE OF APPROVAL

UDOGM

CONDITIONS OF APPROVAL ATTACHED

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

AGX.T1043 AE

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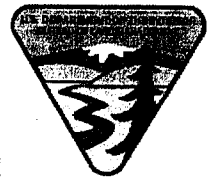


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: EOG Resources, Inc.  
Well No: Hoss 157-20  
API No: 43-047-50750

Location: SWSE, Sec. 20, T8S R24E  
Lease No: UTU-77300  
Agreement: N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**SITE SPECIFIC CONDITIONS OF APPROVAL**

- Permission to clear all wildlife stipulations would only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.
- No construction, drilling or fracing operations will occur within 0.25 miles of burrowing owl nesting habitat from March 1 through August 31.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Construction of the pads, roads and associated pipelines for the **Hoss 157-20** would be monitored by a permitted paleontologist.
- If during the construction of any wells evaluated in this document any vertebrate paleontological resources are discovered all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intake until authorized to proceed by the authorized officer.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

Variances Granted

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and

cemented in place.

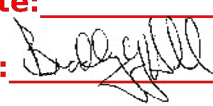
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU77300
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40, Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> HOSS 157-20
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1295 FSL 2520 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 20 Township: 08.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047507500000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/28/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:		
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:		
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>		
<b>Date:</b> 03/28/2011		
<b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/28/2011	





## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047507500000

**API:** 43047507500000

**Well Name:** HOSS 157-20

**Location:** 1295 FSL 2520 FEL QTR SWSE SEC 20 TWP 080S RNG 240E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 4/22/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Michelle Robles

**Date:** 3/28/2011

**Title:** Regulatory Assistant **Representing:** EOG RESOURCES, INC.

**RECEIVED** Mar. 28, 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU77300
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> HOSS 157-20
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1295 FSL 2520 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 20 Township: 08.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047507500000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/10/2012</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** April 10, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/10/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047507500000**

API: 43047507500000

Well Name: HOSS 157-20

Location: 1295 FSL 2520 FEL QTR SWSE SEC 20 TWP 080S RNG 240E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 4/22/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mickenzie Gates

Date: 4/10/2012

Title: Operations Clerk Representing: EOG RESOURCES, INC.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU77300
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> HOSS 157-20
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1295 FSL 2520 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 20 Township: 08.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047507500000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/10/2012</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: April 10, 2012

By:

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/10/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047507500000**

API: 43047507500000

Well Name: HOSS 157-20

Location: 1295 FSL 2520 FEL QTR SWSE SEC 20 TWP 080S RNG 240E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 4/22/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
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- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mickenzie Gates

Date: 4/10/2012

Title: Operations Clerk Representing: EOG RESOURCES, INC.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

SEP 20 2012

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU77300
2. Name of Operator EOG RESOURCES INC Contact: VAIL A NAZZARO E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM		6. If Indian, Allottee or Tribe Name
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5590	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T8S R24E SWSE 1295FSL 2520FEL 40.104364 N Lat, 109.237533 W Lon		8. Well Name and No. HOSS 157-20
		9. API Well No. 43-047-50750-00-X1
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. respectfully requests a two year extension for the referenced APD.

RECEIVED

JAN 10 2013

DIV. OF OIL, GAS &amp; MINING

CONDITIONS OF APPROVAL ATTACHED

VERNAL FIELD OFFICE
ENG. <i>RM</i> 11/26/12
GEOL. _____
ES. _____
PET. _____
RECL. _____

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #151188 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 11/20/2012 (13RRH5375SE)	
Name (Printed/Typed) VAIL A NAZZARO	Title SR. REGULATORY ASSISTANT
Signature (Electronic Submission)	Date 09/20/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>[Signature]</i>	Title Assistant Field Manager Lands & Mineral Resources	DEC 18 2012 Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

20045275 SE



## Revisions to Operator-Submitted EC Data for Sundry Notice #151188

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	UTU77300	UTU77300
Agreement:		
Operator:	EOG RESOURCES, INC 600 17TH ST., STE. 1000N DENVER, CO 80202 Ph: 303-572-9000	EOG RESOURCES INC 1060 EAST HIGHWAY 40 VERNAL, UT 84078 Ph: 435.781.9111
Admin Contact:	VAIL A NAZZARO SR. REGULATORY ASSISTANT E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM  Ph: 303-824-5590	VAIL A NAZZARO SR. REGULATORY ASSISTANT E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM  Ph: 303-824-5590
Tech Contact:	VAIL A NAZZARO SR. REGULATORY ASSISTANT E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM  Ph: 303-824-5590	VAIL A NAZZARO SR. REGULATORY ASSISTANT E-Mail: VAIL_NAZZARO@EOGRESOURCES.COM  Ph: 303-824-5590
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
Field/Pool:	NATURAL BUTTES	NATURAL BUTTES
Well/Facility:	HOSS 157-20 Sec 20 T8S R24E SWSE 1295FSL 2520FEL	HOSS 157-20 Sec 20 T8S R24E SWSE 1295FSL 2520FEL 40.104364 N Lat, 109.237533 W Lon

# **CONDITIONS OF APPROVAL**

## **EOG RESOURCES INC**

### **Notice of Intent APD Extension**

**Lease:** UTU-77300  
**Well:** HOSS 157-20  
**Location:** SWSE Sec 20-T8S-R24E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 10/12/2014.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N, Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> HOSS 157-20
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1295 FSL 2520 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 20 Township: 08.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047507500000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/8/2013</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input checked="" type="checkbox"/> APD EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	
OTHER: <input style="width: 100%;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** April 10, 2013

**By:**

<b>NAME (PLEASE PRINT)</b> Vail Nazarro	<b>PHONE NUMBER</b> 303 824-5590	<b>TITLE</b> Sr. Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/8/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047507500000**

**API:** 43047507500000

**Well Name:** HOSS 157-20

**Location:** 1295 FSL 2520 FEL QTR SWSE SEC 20 TWP 080S RNG 240E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 4/22/2010

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- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Vail Nazzaro

**Date:** 4/8/2013

**Title:** Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.

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<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

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 EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: March 27, 2014

By:

<b>NAME (PLEASE PRINT)</b> Donna J Skinner	<b>PHONE NUMBER</b> 303 262-9467	<b>TITLE</b> Sr. Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/25/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047507500000**

**API:** 43047507500000

**Well Name:** HOSS 157-20

**Location:** 1295 FSL 2520 FEL QTR SWSE SEC 20 TWP 080S RNG 240E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 4/22/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Donna J Skinner

**Date:** 3/25/2014

**Title:** Sr. Regulatory Assistant **Representing:** EOG RESOURCES, INC.



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU77300
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG RESOURCES, INC.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> HOSS 157-20
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1295 FSL 2520 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 20 Township: 08.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047507500000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/17/2015</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

**Approved by the**  
**April 20, 2015**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:**

<b>NAME (PLEASE PRINT)</b> Donna J Skinner	<b>PHONE NUMBER</b> 303 262-9467	<b>TITLE</b> Sr. Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/17/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047507500000**

API: 43047507500000

Well Name: HOSS 157-20

Location: 1295 FSL 2520 FEL QTR SWSE SEC 20 TWP 080S RNG 240E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 4/22/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
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- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Donna J Skinner

Date: 4/17/2015

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Green River District

Vernal Field Office

170 South 500 East

Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>



MAY 05 2015

IN REPLY REFER TO:  
3160 (UTG011)

Kaylene Gardner  
EOG Resources, Inc.  
600 17TH STREET, SUITE 1000 N  
DENVER, CO 80202

RECEIVED

MAY 12 2015

Dear Ms. Gardner:

DIV. OF OIL, GAS & MINING

The referenced Applications for Permit to Drill (APD) have expired. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced applications has expired. If you intend to drill at these locations in the future, a new Application for Permit to Drill must be submitted.

43-047-

Lease	Well		Aliquot	Sec., T., R.	Date Rec'd	Date Exp'd
UTU-64422	HOSS 122-34	50233	NESW	Sec. 34-T8S-R23E	11/20/2008	3/29/2015
UTU-64422	HOSS 125-34	50232	SESW	Sec. 34-T8S-R23E	11/20/2008	3/29/2015
UTU-76042	HOSS 128-35	50230	NWSW	Sec. 35-T8S-R23E	11/20/2008	3/29/2015
UTU-77300	HOSS 135-17	50764	SWSW	Sec. 17-T8S-R24E	9/17/2009	10/30/2014
UTU-77300	HOSS 137-19	50859	NENW	Sec. 19-T8S-R24E	12/18/2009	11/4/2014
UTU-77300	HOSS 138-19	50860	NWNE	Sec. 19-T8S-R24E	12/18/2009	11/4/2014
UTU-77300	HOSS 141-19	50863	SENE	Sec. 19-T8S-R24E	12/18/2009	11/4/2014
UTU-77300	HOSS 142-19	50864	SWNE	Sec. 19-T8S-R24E	12/18/2009	11/4/2014
UTU-77300	HOSS 146-19	40618	NWSE	Sec. 19-T8S-R24E	12/30/2009	1/7/2015
UTU-77300	HOSS 151-20	50745	NWNW	Sec. 20-T8S-R24E	9/10/2009	10/12/2014
UTU-77300	HOSS 152-20	50746	SWNW	Sec. 20-T8S-R24E	9/10/2009	10/12/2014
UTU-77300	HOSS 153-20	50747	NWSW	Sec. 20-T8S-R24E	9/10/2009	10/12/2014
UTU-77300	HOSS 155-20	50748	SWSW	Sec. 20-T8S-R24E	9/10/2009	10/12/2014
UTU-77300	HOSS 156-20	50749	SESW	Sec. 20-T8S-R24E	9/10/2009	10/12/2014
UTU-77300	HOSS 157-20	50750	SWSE	Sec. 20-T8S-R24E	9/10/2009	10/12/2014

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved location of these wells is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka  
Assistant Field Manager  
Lands & Mineral Resources

cc: **UDOGM**

bcc: Well File  
I&E Asst.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>2/1/2016</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input checked="" type="checkbox"/> APD EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
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OTHER: <input style="width: 100px;" type="text"/>	

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EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.

**Approved by the**  
**February 03, 2016**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:**

<b>NAME (PLEASE PRINT)</b> Kristen Sheehan	<b>PHONE NUMBER</b> 303 262-9931	<b>TITLE</b> Assistant Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/1/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

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**Signature:** Kristen Sheehan

**Date:** 2/1/2016

**Title:** Assistant Regulatory **Representing:** EOG RESOURCES, INC.